

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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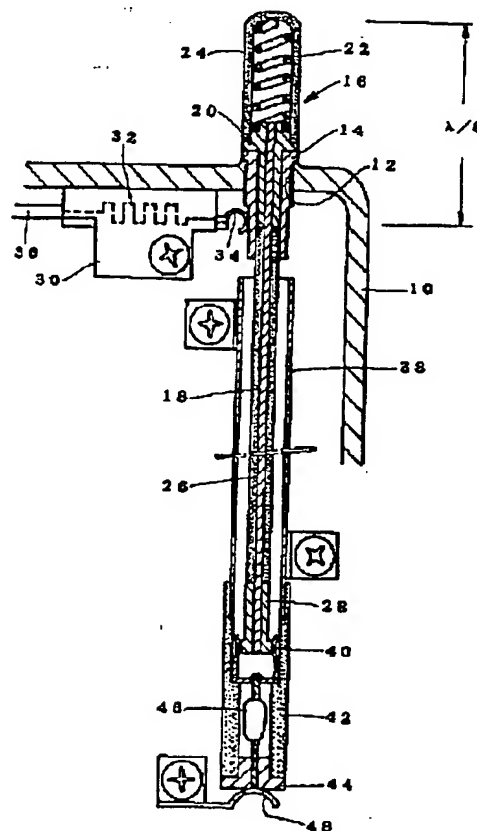
APPLICATION DATE : 14-09-92  
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TITLE : ANTENNA FOR RADIO EQUIPMENT



ABSTRACT : PURPOSE: To provide a radio equipment antenna which is freely extendable and storable and also can satisfactorily function even in its storage state.

CONSTITUTION: An antenna 16 contains a coil element 22 of  $1/8$  effective wavelength which is set at the tip of the projecting side of a wire element 18 of  $1/2$  wavelength that is extendable and can be stored in a frame 10. A feeder spring 34 is electrically connected to the front or rear end of the element 18 in its stored or extended state in the frame 10. A shielding pipe 38 shields coaxially the outer circumference of the element 18 in its stored state. Meanwhile the rear end of the element 18 is grounded via a correction circuit 46. Then the impedance is adjusted at the infinite value by the circuit 46 in a state where the element 18 is viewed from the spring 34.

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